

Public Notice
PERMIT APPLICATION: NRS #06.328

APPLICANT: Caresse C. Mills
dba St. James Place LLC
775 James Cove
Collierville, TN 38017
(901) 373-3289

LOCATION: 3595 Forest Hill Irene Road
Memphis, Shelby County
Site Lat. 35.0512° Long. -89.7626°

This public notice is for an aquatic resource alteration permit to relocate an unnamed tributary to Nonconnah Creek and fill 0.08 acres of wetland for St. James Place, a residential subdivision.

WATERSHED DESCRIPTION: The wetland and stream being impacted drain to Nonconnah Creek, located in the Nonconnah Watershed (HUC 8010211). The property being developed is bordered by residential developments to the north and west, the Forest Hills Baptist Church property to the south and Forest Hill Irene Road to the east. The 0.08 acre forested wetland proposed to be filled lies between the stream being relocated and a privacy fence at the northwest corner of the property. USGS TOPO QUAD: Germantown, TN (409 SW).

PROJECT DESCRIPTION: The property, a 15-acre tract, is to be subdivided into 12 lots on a cul-de-sac of the proposed St. James Manor Drive. Coverage under the General NPDES Permit for Construction Storm Water Discharges was granted on 11/07/06, permit tracking number TNR152213.

Proposed is the relocation of 495 ft of an unnamed tributary to Nonconnah Creek into a 575 ft channel. This stream flows onto this parcel of property in a channelized streambed with soil substrate and forested canopy, diagonally bisecting the proposed lot numbers 5 and 6. The current stream channel is trapezoidal in shape with 1:1 slopes. The depth of the stream ranges from 1ft to 3ft. The width is approximately 8ft. The stream flows into a concreted lined channel as it leaves this property. The proposed trapezoidal shaped channel is 6ft wide at the bottom with top of bank width approximately 40ft, a 2.5:1 slope. A 25ft wide no building zone is to be established from the top of bank on each side of the new channel. Seedling trees are to be planted on the banks and saplings are to be planted on the top of bank on 15ft centers. The new channel will be constructed and stabilized with vegetation before water is diverted from the existing channel. Approximately 550 cubic yards of clean earthen fill will be placed in the old stream channel.

Additional impacts to this stream include driveway, water, and sewer line crossings. A 14ft x 50ft free span bridge, an 8-inch water line, and a 6-inch diameter sewer line are proposed lot 6. The sewer line will cross the mitigation channel approximately 75 feet

east from the concrete channel, upstream of the bridge. The water line will cross the relocated channel approximately 22 feet east (upstream) of the sewer tap. The sewer line is to parallel the concrete lined stream segment on the western edge of the property then connect to an existing sewer line in the southwest corner of the property.

The 0.08-acre wetland on lot 6, between the stream being relocated and fence at the property line, is to be filled. The elevation of lot 6 is proposed to be raised from 326ft to 331.40ft.

In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activity will result in degradation. The result of the tier assessment was that the stream is not a high quality water (Tier I).

PERMIT COORDINATOR: Judy Manners

No decision has been made whether to issue or deny this permit. The purpose of this notice is to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. Persons wishing to comment on the proposal are invited to submit written comments to the department. Written comments must be received within **thirty days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced.

Interested persons may also request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the department will hold a public hearing.

The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address for review and/or copying. The department's address is:

Tennessee Department of Environment & Conservation
Division of Water Pollution Control, Natural Resources Section
7th Floor L & C Annex
401 Church Street
Nashville, TN 37243

In deciding whether to issue or deny a permit, the department will consider all comments on record and the requirements of applicable federal and state laws.

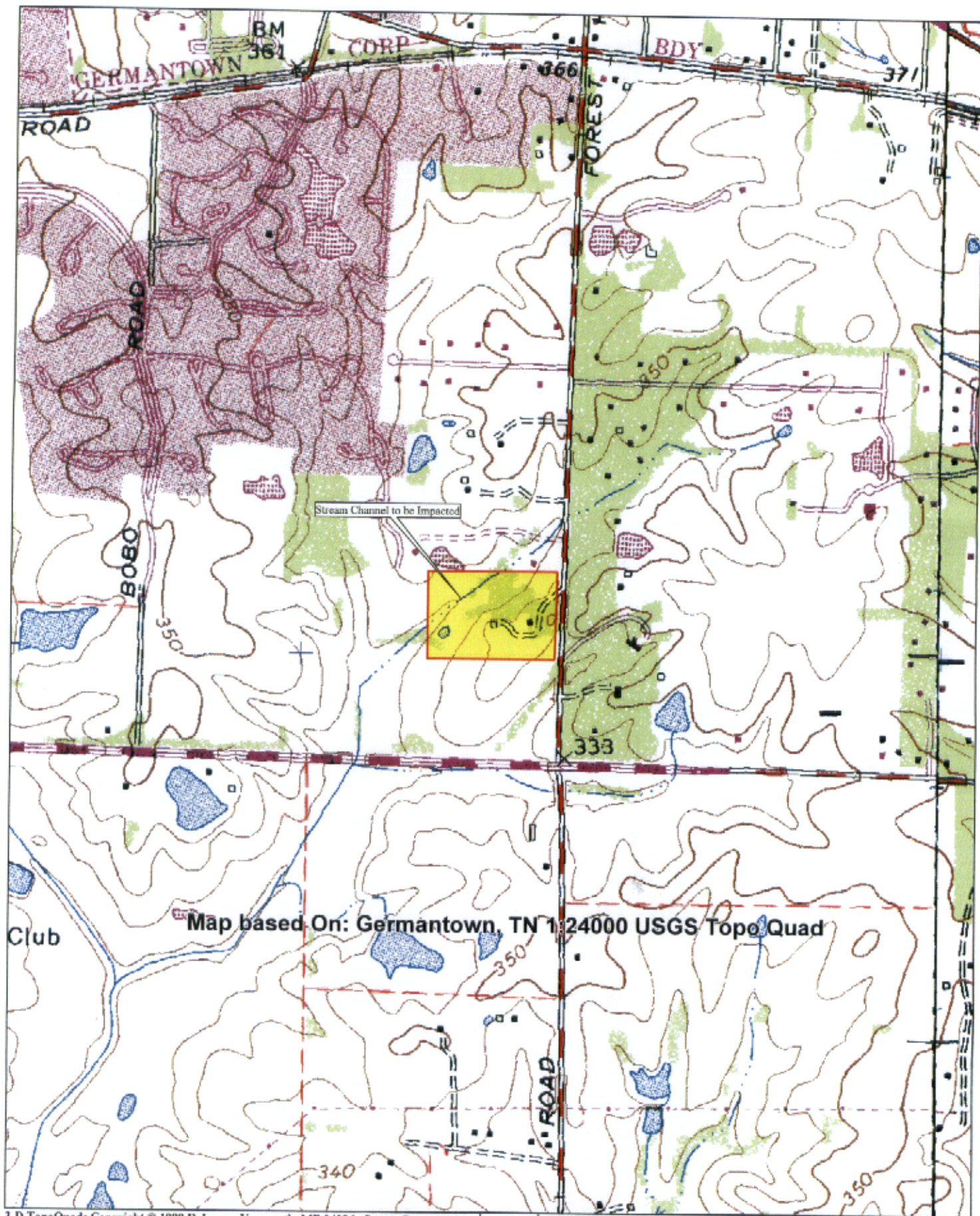


Photo Documentation



Photo 1



Photo 2



Photo 3

LOT 6
 IRENE FOREST SUBDIVISION
 P.B. 120, PG. 17
 ZONED RE-1

BARBARA F. EAYRA
 and wife
 SUZANNE E. EAYRA
 DIST. No. CY-2466
 ZONED RE-1

WETLANDS=0.076 ACRES

SOUTHWIND P.D.
 PHASE 55
 P.B. 180, PG. 36
 ZONED RE-1

N 01°00'45" E 710.08'

S 85°49'06" E 913.63'

PROP. SMH
 STA: 6+02.47 (offset)
 STA: 1+129.45 (St. James Manor)

PROP. SMH
 STA: 5+32.28 (offset)

PROPOSED CHANNEL RELOCATION= 573 LF

EXISTING CHANNEL= 495 LF

REMOVE ANY SEPTIC TANKS, TANKS, AND WELLS (IF APPLICABLE) AS PER CITY OF COLUMBIANA HEALTH DEPARTMENT REGULATIONS

FOREST HILL IRENE ROAD

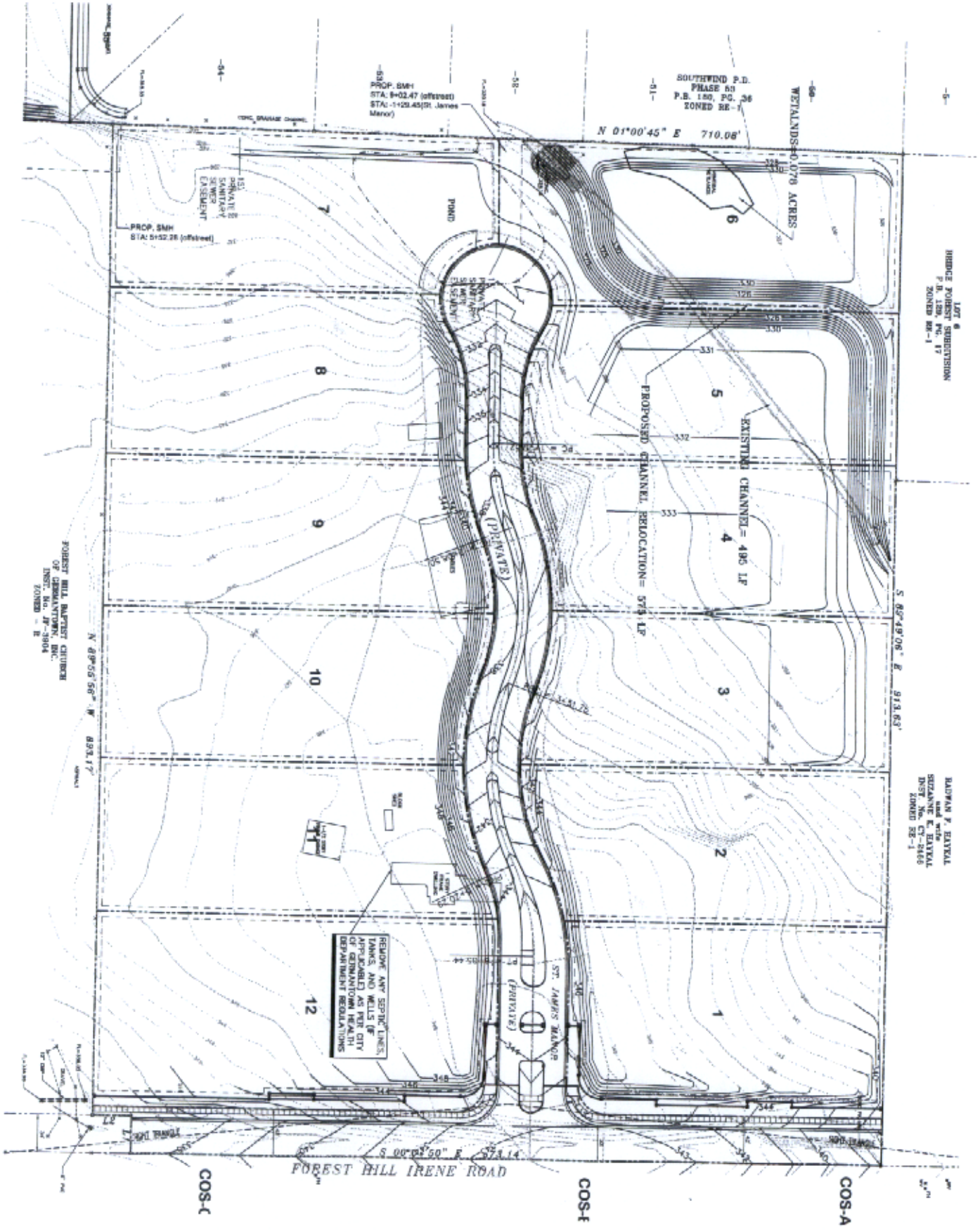
FOREST HILL IRENE CHURCH
 OF COLUMBIANA, INC.
 INST. No. JY-3804
 ZONED RE-1

N 89°56'58" W 893.17'

COS-C

COS-F

COS-A



[illegible]

SOUTHWIND P.D.
PHASE 53
P.B. 180, PG. 36
ZONED RE-1

$N\ 01^{\circ}00'45''\ E$ 710.08'

WETLANDS±0.078 ACRES

The graph shows two curves. The upper curve, labeled 'NON-TIDAL VOLUMES', starts at a high value on the y-axis and decreases as the x-axis value increases. The lower curve, labeled 'TIDAL VOLUMES', starts at a lower value on the y-axis and increases as the x-axis value increases. The two curves intersect at a point on the x-axis.

EXISTING CHANNEL= 495 LF

PROPOSED CHANNEL RELOCATION= 575 LF

(PRIVATE)

–53–

WOOD FENCE

7

5

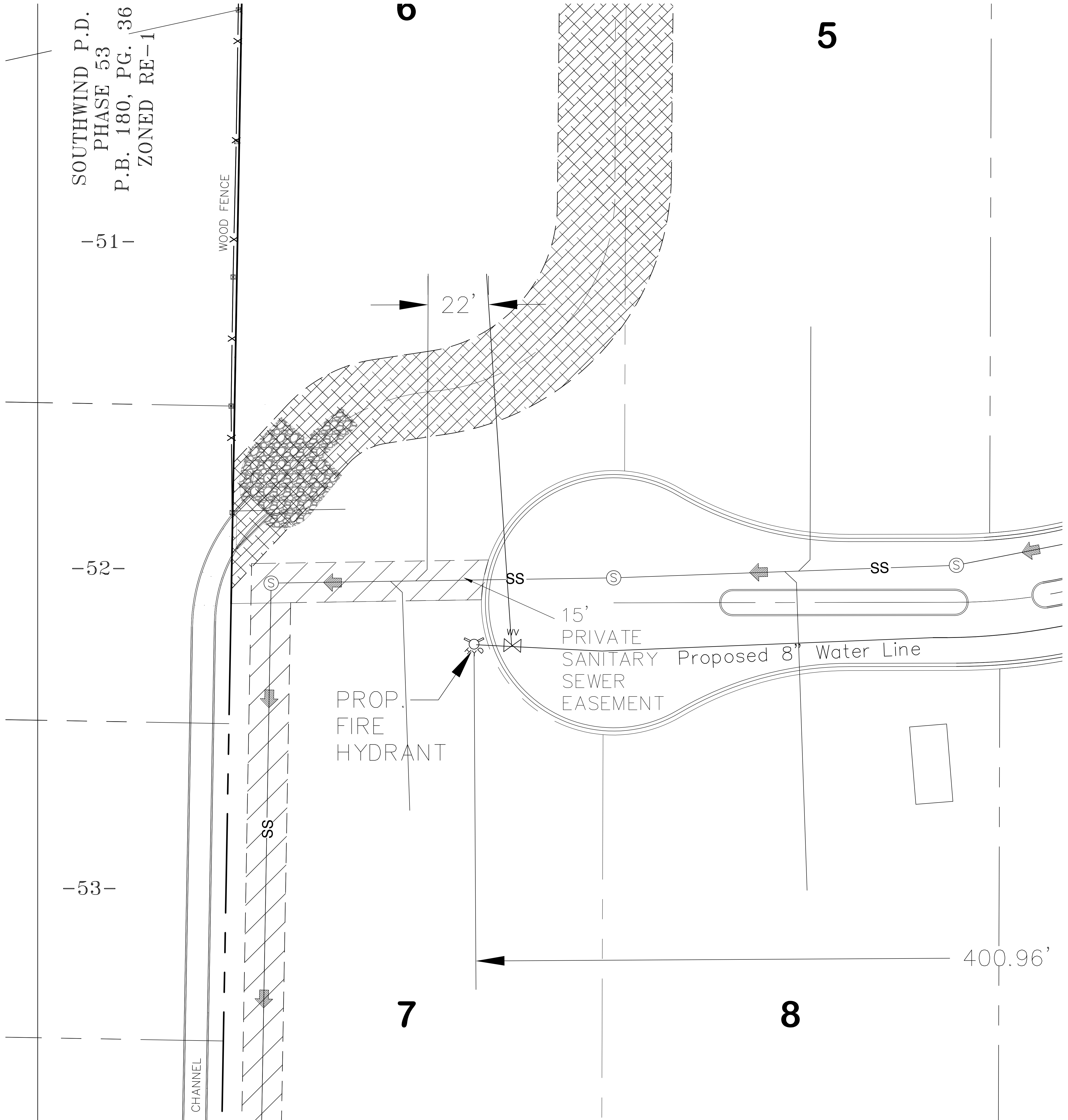
8

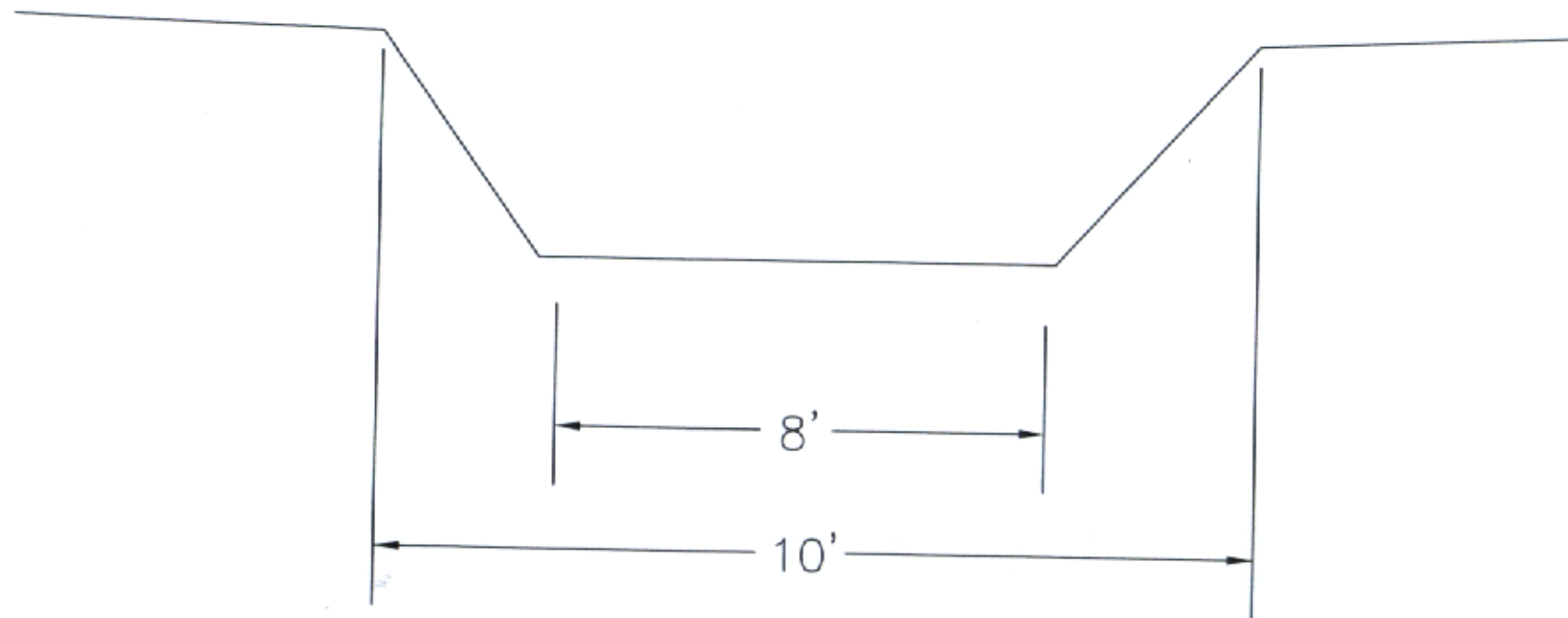
400.96'

PROP. FIRE HYDRANT

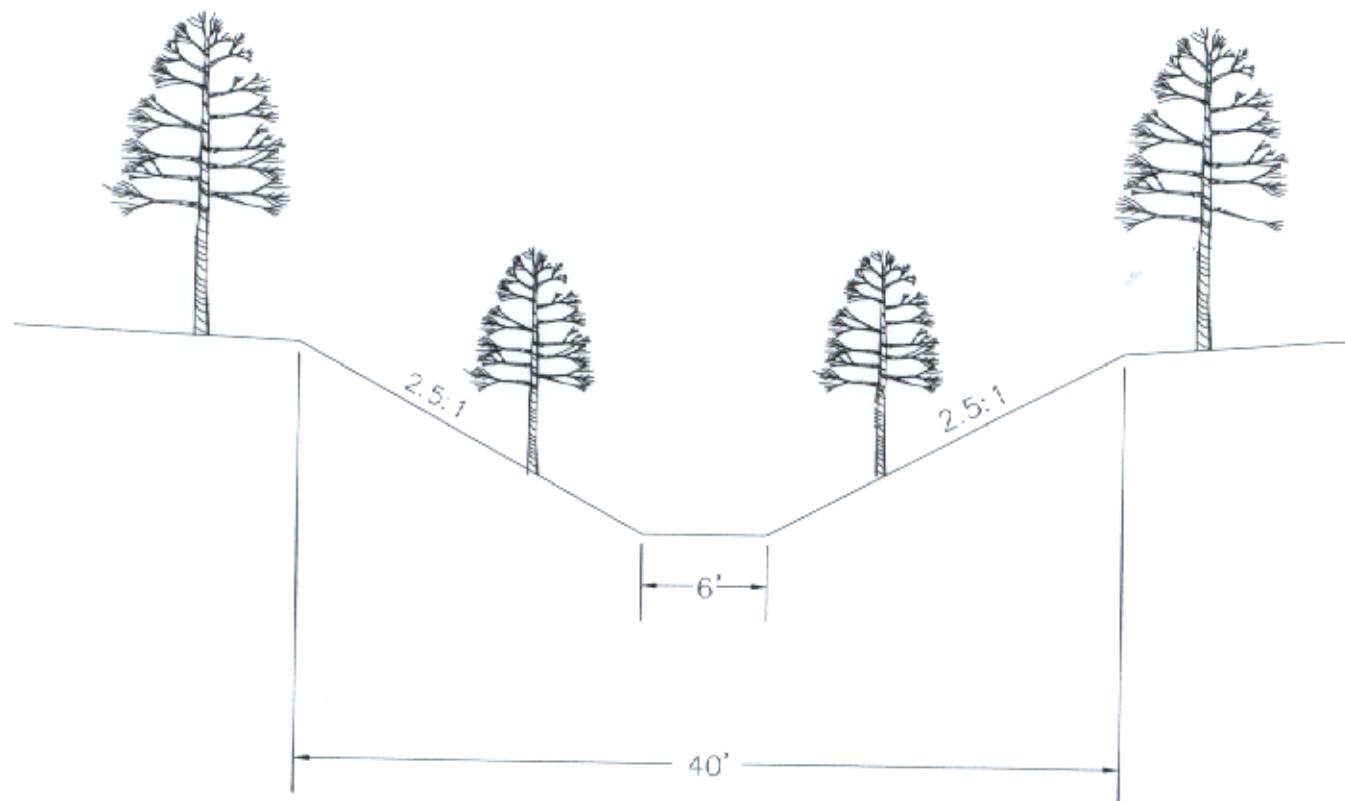
15'
PRIVATE
SANITARY
SEWER
EASEMENT

Proposed 8" Water Line





TYPICAL EXISITNG STREAM
CROSS SECTION



TYPICAL PROPOSED STREAM
CROSS SECTION